

08-29-2005

**ON FORM COVER SHEET
PATENTS ONLY**

3. Please record the attached documents or the new address(es) below:

2. Name and Address of receiving Party(ies):

Name: R.J. REYNOLDS TOBACCO
COMPANY

Internal Address:

Street Address: 401 NORTH MAIN STREET

City: WINSTON-SALEM

State: NORTH CAROLINA

Country: U.S.A. Zip: 27101

Additional name(s) and addresses attached? ☐ Yes ☒ No

Name of conveying Party(ies)/Execution Date:

JOHN LARKIN NELSON
VERNON BRENT BARNES
TIMOTHY FREDERICK THOMAS

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of Conveyance:

Execution Date(s): August 10, 2005

- ☒ Assignment ☐ Change of Name ☐ Executive Order 9424, Confirmatory License
☐ Security Agreement ☐ Merger ☐ Joint Research Agreement
☐ Government Interest Assignment ☐ Other

4. Application or patent number(s).

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/143,888

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address of party to whom
correspondence concerning document should be
mailed:**

BRINKS HOFER GILSON & LIONE
P.O. BOX 10395
CHICAGO, IL 60610
(312) 321-4200
(312) 321-4299 Fax

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card.
☐ Authorized to be charged to Deposit Account No. 23-
1925.
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information:

- a. ☐ Credit Card: Last 4 Numbers
Expiration Date
b. ☒ Charge fee and/or any Deficiencies to Deposit
Account Number: 23-1925
Authorized User Name: Brinks Hofer Gilson & Lione

9. Signature:


Signature

Trevor K. Copeland

Name of Person Signing

8/22/05
Date

Total number of pages including cover
sheet, attachments, and documents: 6

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

**PATENT
REEL: 016913 FRAME: 0704**

ASSIGNMENT

WHEREAS, JOHN LARKIN NELSON, VERNON BRENT BARNES, and TIMOTHY FREDERICK THOMAS, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled APPARATUS AND METHODS FOR MANUFACTURING CIGARETTES, for a full description of which reference is here made to an application for Letters Patent of the United States filed on June 1, 2005, and assigned Application Serial No. 11/143,888;

WHEREAS R.J. Reynolds Tobacco Company, a corporation organized and existing under the laws of the State of North Carolina, having a place of business at 401 North Main Street, Winston-Salem, North Carolina 27101, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the

Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED:

8/10/05


JOHN LARKIN NELSON

DATED:

8/10/05


VERNON BRENT BARNES

DATED:

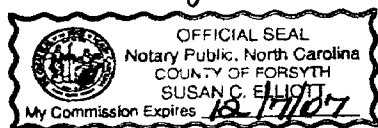
8/10/05


TIMOTHY FREDERICK THOMAS

STATE OF *North Carolina*
COUNTY OF *Forsyth*) ss.

I, *Susan C. ELLIOTT*, a Notary Public in and for the County and State aforesaid, do hereby certify that JOHN LARKIN NELSON, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal,
this *10th* day of *Aug.*, 2005.



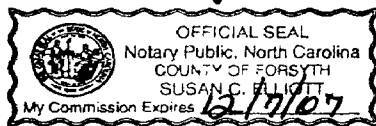
Susan C. Elliott
Notary Public

My Commission Expires: *December 7, 2007*

STATE OF North Carolina
COUNTY OF Forsyth) ss.

I, Susan C. ELLIOTT, a Notary Public in and for the County and State aforesaid, do hereby certify that VERNON BRENT BARNES, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal,
this 10th day of Aug., 2005.



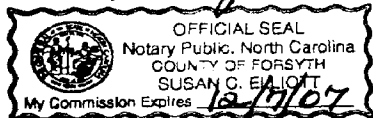
Susan C. Elliott
Notary Public

My Commission Expires: December 7, 2007

STATE OF North Carolina
COUNTY OF Forsyth) ss.

I, Susan C. Elliott, a Notary Public in and for the County and State aforesaid, do hereby certify that TIMOTHY FREDERICK THOMAS, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 10th day of Aug., 2005.



Susan C. Elliott
Notary Public

My Commission Expires: December 7, 2007